

**Notice of Allowability**

Application No.

09/936,301

Examiner

Chirag R. Patel

Applicant(s)

RAI ET AL.

Art Unit

2141

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 14, 2006.
2. ☒ The allowed claim(s) is/are 12-30.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Raymond Y. Mah on December 5, 2006.

The application has been amended to recite "storage medium" for claims 21, and 28-30 to fully comply with the 35 USC 101 in reference to page 9 lines 5-11 of applicant's specifications:

*Claim 21:* A computer program stored on a storage medium, for controlling a computer to route communications data to a mobile user located in one of a plurality of data networks by:

receiving mobile user location information which includes the identity of one of the plurality of data networks;

receiving and assembling from plural data packets communications data comprising a complete message to be sent to the mobile user;

retrieving, from a store of data describing characteristics of the networks and associations between the networks, data relating to the characteristics of said one of the plurality of data networks;

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adapting a presentational form of the complete message so-as-to-be-to another presentational form compatible with the associated characteristics of said one of the plurality of data networks and

disassembling the adapted message into data packets and sending the disassembled data packets to the mobile user.

*Claim 28:* A computer program stored on a **storage** medium as in claim 21, wherein the adaptation of the presentational form comprises converting image data of the complete message in a first graphics format to another graphics format.

*Claim 29:* A computer program stored on a **storage** medium as in claim 21, wherein the adaptation of the presentational form comprises removal of at least some of the data content.

*Claim 30:* A computer program stored on a **storage** medium as in claim 21, wherein the adaptation of the presentational form comprises converting text data to voice data.

***Allowable Subject Matter***

Claims 12-30 are allowed. The following is an examiner's statement of reasons for allowance: Doviak (US 2003/0017845) was relied upon to disclose adapt messages based on characteristic of network using the protocols. The presentation layer of the OSI model is concerned with the presentation at the application level, and not of the

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data network as claimed. As per claim 12, the prior art fails to disclose "adapting a presentational form of the complete message so as to be to another presentational form compatible with the retrieved characteristics of the data network, and disassembling the adapted message into data packets and sending the disassembled data packets to the mobile user. Independent claims 19 and 21-22 disclose similar limitations. Claims 13-18, 20, and 23-30 are allowed due to their dependency on claims 12, 19, and 22, respectively. Examiner notes that claims 1-11 are cancelled by the applicant.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chirag R. Patel whose telephone number is (571)272-7966. The examiner can normally be reached on Monday to Friday from 7:30AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through

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PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197

(toll free).

  
RUPAL DHANRA  
SUPERVISORY PATENT EXAMINER